### FITCHBURG GAS AND ELECTRIC LIGHT COMPANY

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### TARIFF FOR ELECTRIC SERVICE

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Issued: <u>JulyApril</u> 22, 2005 Effective: <u>June-September</u> 1, 2005

#### **SCHEDULE DS**

#### 1. General

This Tariff may be revised, amended, supplemented or supplanted in whole or in part from time to time according to the procedures provided in MDTE regulations and Massachusetts law. In case of conflict between this Tariff and any orders or regulations of the MDTE, said orders or regulations shall govern.

#### 2. <u>Definitions</u>

- A. "Company" shall mean Fitchburg Gas and Electric Light Company.
- B. "Competitive Supplier" shall mean any entity licensed by the MDTE to sell electricity to retail Customers in Massachusetts, with the following exceptions: (1) a Distribution Company providing Default Service to its distribution Customers, and (2) a municipal light department that is acting as a Distribution Company.
- C. "Customer" shall mean any person, partnership, corporation, or any other entity, whether public or private, who obtains Distribution Service at a Customer Delivery Point and who is a Customer of record of the Company.
- D. "Customer Delivery Point" shall mean the Company's meter or a point designated by the Company located on the Customer's premises.
- E. "Default Service" shall mean the service provided by the Distribution Company to a Customer who is not receiving Generation Service from a Competitive Supplier in accordance with the provisions set forth in this tariff.
- F. "Distribution Company" shall mean an electric company organized under the laws of Massachusetts that provides Distribution Service in Massachusetts.
- G. "Distribution Service" shall mean the delivery of electricity to Customers by the Distribution Company.
- H. "Generation Service" shall mean the sale of electricity, including ancillary services such as the provision of reserves, to a Customer by a Competitive Supplier.
- I. "MDTE" shall mean the Massachusetts Department of Telecommunications and Energy.

#### 3. Availability

Default Service shall be available to any Customer who is not receiving Generation Service from a Competitive Supplier.

#### **SCHEDULE DS (continued)**

#### 4. Rates

#### **Fixed Pricing Option:**

This pricing option is available to all customers.

Effective January 1, 2001, all residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 receiving Default Service will automatically be placed on this fixed rate, unless the Customer elects the Variable Monthly Pricing Option.

The fixed rate will remain the same for three or six months at a time and will be based on the average monthly wholesale price over the three or six-month period that the Company pays to its Default Service provider. The rate is fixed for a period of three months for customers on Schedule GD-3. The rate is fixed for six months for customers on Schedules RD-1, RD-2, GD-1, GD-2, GD-4, GD-5 and SD.

Customers assigned to this Fixed Pricing Option may choose the Variable Monthly Pricing Option. Customers electing the Variable Monthly Pricing Option will not have the opportunity to switch back to the Fixed Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

Monthly bills will be recalculated for Customers who are on the Fixed Pricing Option for Default Service and decide to switch to a competitive supplier before the three or six-month period is over. The electric bill for the period of the fixed three or six month rate will be recalculated using the monthly variable rate for that period. This ensures that all consumers pay the actual cost of electricity they have used. This adjustment may be a credit or a debit, and will be reflected on the first bill after the switch is effective.

Residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 who switch to a competitive supplier and later return to Default Service will be initially placed on the Fixed Pricing Option unless the Customer elects the Variable Monthly Pricing Option.

The rates for Fixed Pricing Option Default Service<sup>1</sup> shall be as follows:

For Schedules RD-1, RD-2: \$0.07543 per kWh
For Schedule GD-1: \$0.07557 per kWh

For Schedules GD-2, GD-4, GD-5, SD: \$0.07676 per kWh

For Schedule GD-3: \$0.079700.07934 per kWh

<sup>&</sup>lt;sup>1</sup> Includes Default Service Costs Adder of \$0.00104 per kWh approved in D.T.E. 03-88 A-F.

#### **SCHEDULE DS (continued)**

#### Variable Monthly Pricing Option:

This option is available to all customers.

Effective January 1, 2001, general service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD receiving Default Service will automatically be placed on this variable monthly rate option, unless the Customer elects the Fixed Pricing Option.

The variable rate will change from month to month reflecting the monthly wholesale price that the Company pays to its Default Service provider.

Customers assigned to the Variable Monthly Pricing Option may choose the Fixed Pricing Option. Customers electing the Fixed Pricing Option will not have the opportunity to switch back to the Variable Monthly Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

General service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD who decide to switch to a competitive supplier and later return to Default Service will be initially placed on the Variable Monthly Pricing Option, unless the Customer elects the Fixed Pricing Option.

The rates for Variable Monthly Pricing Option Default Service<sup>2</sup> shall be as follows (per kWh):

K W 11).						
<u>Class</u>	June <u>2005</u>	July <u>2005</u>	August <u>2005</u>	September 2005	October <u>2005</u>	November 2005
Residential: Schedules RD-1 and RD-2	\$ 0.07508	\$ 0.07957	\$ 0.08068	\$ 0.07211	\$ 0.06971	\$ 0.07352
Small General Service: Schedule GD-1	\$ 0.07522	\$ 0.07972	\$ 0.08083	\$ 0.07224	\$ 0.06984	\$ 0.07365
Regular General Service and Outdoor Lighting: Schedules GD-2, GD-4, GD-5 and SD	\$ 0.07551	\$ 0.08292	\$ 0.08368	\$ 0.07291	\$ 0.07099	\$ 0.07294
Large General Service: Schedule GD-3	\$ 0.07617	\$ 0.08151	\$ 0.08141	<del>N/A</del> \$ 0.07903	<del>N/A</del> \$ 0.07838	N/A \$ 0.08060

These rate(s) for Default Service are established through a competitive bidding process, but in no case shall exceed the average monthly market price for electricity, as determined by the MDTE.

<sup>&</sup>lt;sup>2</sup> Includes Default Service Costs Adder of \$0.00104/kWh approved in D.T.E. 03-88 A-F.

#### **SCHEDULE DS (continued)**

Customers will be notified of changes in Default Service rates in advance of their effective dates in accordance with guidelines set forth by the MDTE, as may be amended from time to time. Such notifications will be made in a variety of manners including a toll free number, the Company's website, bill inserts, and bill messages. Notification of rates will be made via the Company's website at www.unitil.com and a toll free number 30 days in advance of the effective date. Default Customers will receive 60 day notification of upcoming rate changes via a bill message and 30 day notification of the new rates via a bill message. All customers will receive a bill insert explaining Default Service in the billing cycle prior to the rate change.

#### 5. Billing

Each Customer receiving Default Service shall receive one bill from the Company, reflecting unbundled charges for their electric service.

#### 6. <u>Initiation of Default Service</u>

Default service may be initiated in any of the following manners:

- A. A Customer who is receiving Generation Service from a Competitive Supplier notifies the Company that he wishes to terminate such service and receive Default Service. In this instance, Default Service shall be initiated within two (2) business days of such notification for residential Customers. For other Customers, Default Service shall be initiated concurrent with the Customer's next scheduled meter read date, provided that the Customer has provided such notification to the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the Customer provided such notification fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;
- B. A Competitive Supplier notifies the Company that it shall terminate Generation Service to a Customer. In this instance, Default Service shall be initiated for the Customer concurrent with the Customer's next scheduled meter read date, provided that the notice of termination of Generation Service is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the notice of termination is received fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;
- C. A Competitive Supplier ceases to provide Generation Service to a Customer, without notification to the Company. In this instance, Default Service to the Customer shall be initiated immediately upon the cessation of Generation Service.

#### **SCHEDULE DS (continued)**

#### 7. Termination of Default Service

Default Service may be terminated by a Customer concurrent with the Customer's next scheduled meter read date provided that notice of initiation of Generation Service by a Competitive Supplier is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers.

If the notice of initiation of Generation Service by the Competitive Supplier is received by the Company fewer than two days before the Customer's next scheduled meter read date, Default Service shall be terminated concurrent with the Customer's subsequent scheduled meter read date.

There shall be no fee for terminating Default Service.

#### 8. Reconciliation of Default Service Costs

At the end of each calendar year, the Company shall reconcile recoveries with the cost of Default Service pursuant to the Company's Default Service Adjustment - Schedule DSA, MDTE No. 101. Beginning June 1, 2005 these costs include the following:

A. Supplier Costs: The costs billed to FG&E by its Default Service providers plus the cost of Renewable Energy Certificates purchased for Default Service in compliance with 225 CMR 14.00 – Renewable Energy Portfolio Standard. Renewable Energy Certificates are the title or claim for the generation attributes associated with a Renewable Generator that is compliant with the definition of a New Renewable Generation Source as found in 225 CMR 14.00 – Renewable Energy Portfolio Standard.

Recoveries and costs associated with the Default Service Costs Adder shall be excluded from this reconciliation since the Default Service Costs Adder is separately reconciled as discussed below.

#### 9. Default Service Costs Adder

Effective June 1, 2005, the Default Service rates will include the Default Service Costs Adder. The Company shall perform an annual reconciliation of recoveries with the costs of the Default Service Costs Adder and credit or charge any imbalances, with interest, in the computation of the Default Service Costs Adder for the following twelve month period. Interest shall be calculated using the prime rate after tax (i.e. prime rate \* (1 – tax rate)). The tax rate shall be the combined federal and state income tax rate. The prime rate is to be fixed on a quarterly basis and established as reported in <u>The WALL STREET JOURNAL</u> on the first business day of the month preceding the calendar quarter; if more than one rate is

#### **SCHEDULE DS (continued)**

reported, the average of the reported rates shall be used. The Company may file to change the factor at any time should significant over- or under-recoveries occur or be expected to occur.

The Default Service Costs Adder shall include the following costs associated with Default Service:

A. Cost of Working Capital, calculated as follows,

Cost of Working Capital = Working Capital Requirement \* Tax Adjusted Cost of Capital,

where:

Working Capital Requirement = Supplier Costs \* Number of Days Lag/365

Number of Days Lag is the number of days lag to calculate the purchased power working capital requirement as defined in the Company's most recent Lead Lag Study approved by the Department,

Tax Adjusted Cost of Capital = Cost of Debt + (Cost of Equity/(1-Effective Tax Rate))

#### where:

The Cost of Debt is the debt component of the rate of return as approved by the Department in the Company's most recent base rate case,

The Cost of Equity is the equity component of the rate of return as approved by the Department in the Company's most recent base rate case, and

The Effective Tax Rate is the combined effective state and federal income tax rate;

B. Bad Debt Costs, calculated as follows,

Bad Debt Costs = Bad Debt Expense \* Allocation Factor

#### where:

Bad Debt Expense are test year bad debt expense as approved by the Department in the Company's most recent base rate case,

The Allocation Factor as approved by the Department in the Company's reconciliation filing. Such allocation factor shall be based on a percentage of actual account write-offs recorded and tracked for the DS billing components to total write-offs.

#### **SCHEDULE DS (continued)**

- C. Administrative cost of compliance with Massachusetts Renewable Energy Portfolio Standard, 225 CMR 14. Annually, these costs shall be \$421.32.
- D. Cost of the design and implementation of competitive bidding process, including evaluation of supplier bids and contract negotiations, and ongoing administration and execution of contracts with suppliers, including accounting activities necessary to track payments made to suppliers. Annually, these costs shall be \$17,278.32.
- E. Cost of compliance with MDTE's regulatory requirements including required communication with Default Service customers pursuant to 220 CMR 11.06. Annually, these costs shall be \$51,933.32.

Annually, the costs in C., D. and E. above sum to \$69,632.96 and shall be fixed until the next general distribution rate case in which the Company proposes or the MDTE directs the removal of Default Service-related costs, or unless otherwise proposed to be adjusted by the Company, subject to approval by the MDTE. However, at such time that the migration of the Company's customers from Default Service to competitive supply increases to a significant level as compared to the level at the time these costs were developed, the costs detailed above may be adjusted to reflect the decline in Default Service customers.

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Seabrook Amortization Surcharge SA	S 32	2
Energy Efficiency Charge EE	C 96	1
Internal Transmission Service Cost Adjustment ITS	SCA 119	1
External Transmission Charge ET	C 97	2
Transition Cost Adjustment TC	A 98	1
Renewable Resource Charge RR	.C 37	1
Standard Offer Service SO	S 99	8
Default Service DS	123	7
Default Service Adjustment DS	A 101	1
Pension/PBOP Adjustment Factor PA	F 112A	. 3
Base Rate Reduction BR	R 122	2
Interruptible Load Credit I-N	41	2
Interruptible Load Credit I-Fe	GE 42	1
Load Response Program LR	85	1
Optional Enhanced Metering Service EM	IS 71	3
Optional Interval Data Service IDS	S 70	1
Interconnection IC	109	77
**	TE 29	1
Cancellation Supplement MI	OTE 66	1
Cancellation Supplement MD	OTE 80	1
Cancellation Supplement MD	<b>P</b> U 77	1
Cancellation Supplement ME	PU 80	1
Cancellation Supplement ME	PU 83	1
Cancellation Supplement MI	PU 87	1

#### **SCHEDULE DS**

#### 1. General

This Tariff may be revised, amended, supplemented or supplanted in whole or in part from time to time according to the procedures provided in MDTE regulations and Massachusetts law. In case of conflict between this Tariff and any orders or regulations of the MDTE, said orders or regulations shall govern.

#### 2. Definitions

- A. "Company" shall mean Fitchburg Gas and Electric Light Company.
- B. "Competitive Supplier" shall mean any entity licensed by the MDTE to sell electricity to retail Customers in Massachusetts, with the following exceptions: (1) a Distribution Company providing Default Service to its distribution Customers, and (2) a municipal light department that is acting as a Distribution Company.
- C. "Customer" shall mean any person, partnership, corporation, or any other entity, whether public or private, who obtains Distribution Service at a Customer Delivery Point and who is a Customer of record of the Company.
- D. "Customer Delivery Point" shall mean the Company's meter or a point designated by the Company located on the Customer's premises.
- E. "Default Service" shall mean the service provided by the Distribution Company to a Customer who is not receiving Generation Service from a Competitive Supplier in accordance with the provisions set forth in this tariff.
- F. "Distribution Company" shall mean an electric company organized under the laws of Massachusetts that provides Distribution Service in Massachusetts.
- G. "Distribution Service" shall mean the delivery of electricity to Customers by the Distribution Company.
- H. "Generation Service" shall mean the sale of electricity, including ancillary services such as the provision of reserves, to a Customer by a Competitive Supplier.
- I. "MDTE" shall mean the Massachusetts Department of Telecommunications and Energy.

#### 3. Availability

Default Service shall be available to any Customer who is not receiving Generation Service from a Competitive Supplier.

#### **SCHEDULE DS (continued)**

#### 4. Rates

#### Fixed Pricing Option:

This pricing option is available to all customers.

Effective January 1, 2001, all residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 receiving Default Service will automatically be placed on this fixed rate, unless the Customer elects the Variable Monthly Pricing Option.

The fixed rate will remain the same for three or six months at a time and will be based on the average monthly wholesale price over the three or six-month period that the Company pays to its Default Service provider. The rate is fixed for a period of three months for customers on Schedule GD-3. The rate is fixed for six months for customers on Schedules RD-1, RD-2, GD-1, GD-2, GD-4, GD-5 and SD.

Customers assigned to this Fixed Pricing Option may choose the Variable Monthly Pricing Option. Customers electing the Variable Monthly Pricing Option will not have the opportunity to switch back to the Fixed Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

Monthly bills will be recalculated for Customers who are on the Fixed Pricing Option for Default Service and decide to switch to a competitive supplier before the three or six-month period is over. The electric bill for the period of the fixed three or six month rate will be recalculated using the monthly variable rate for that period. This ensures that all consumers pay the actual cost of electricity they have used. This adjustment may be a credit or a debit, and will be reflected on the first bill after the switch is effective.

Residential customers on Schedules RD-1 and RD-2 and small general service customers on Schedule GD-1 who switch to a competitive supplier and later return to Default Service will be initially placed on the Fixed Pricing Option unless the Customer elects the Variable Monthly Pricing Option.

The rates for Fixed Pricing Option Default Service<sup>1</sup> shall be as follows:

For Schedules RD-1, RD-2: \$0.07543 per kWh
For Schedule GD-1: \$0.07557 per kWh
For Schedules GD-2, GD-4, GD-5, SD: \$0.07676 per kWh
For Schedule GD-3: \$0.07934 per kWh

<sup>&</sup>lt;sup>1</sup> Includes Default Service Costs Adder of \$0.00104 per kWh approved in D.T.E. 03-88 A-F.

#### **SCHEDULE DS (continued)**

#### Variable Monthly Pricing Option:

This option is available to all customers.

Effective January 1, 2001, general service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD receiving Default Service will automatically be placed on this variable monthly rate option, unless the Customer elects the Fixed Pricing Option.

The variable rate will change from month to month reflecting the monthly wholesale price that the Company pays to its Default Service provider.

Customers assigned to the Variable Monthly Pricing Option may choose the Fixed Pricing Option. Customers electing the Fixed Pricing Option will not have the opportunity to switch back to the Variable Monthly Pricing Option for as long as the Customer continues to receive uninterrupted Default Service.

General service customers on Schedules GD-2, GD-3, GD-4, and GD-5 and outdoor lighting customers on Schedule SD who decide to switch to a competitive supplier and later return to Default Service will be initially placed on the Variable Monthly Pricing Option, unless the Customer elects the Fixed Pricing Option.

The rates for Variable Monthly Pricing Option Default Service<sup>2</sup> shall be as follows (per kWh):

<u>Class</u>	June <u>2005</u>	July <u>2005</u>	August <u>2005</u>	September 2005	October <u>2005</u>	November <u>2005</u>
Residential: Schedules RD-1 and RD-2	\$ 0.07508	\$ 0.07957	\$ 0.08068	\$ 0.07211	\$ 0.06971	\$ 0.07352
Small General Service: Schedule GD-1	\$ 0.07522	\$ 0.07972	\$ 0.08083	\$ 0.07224	\$ 0.06984	\$ 0.07365
Regular General Service and Outdoor Lighting: Schedules GD-2, GD-4, GD-5 and SD	\$ 0.07551	\$ 0.08292	\$ 0.08368	\$ 0.07291	\$ 0.07099	\$ 0.07294
Large General Service: Schedule GD-3	\$ 0.07617	\$ 0.08151	\$ 0.08141	\$ 0.07903	\$ 0.07838	\$ 0.08060

These rate(s) for Default Service are established through a competitive bidding process, but in no case shall exceed the average monthly market price for electricity, as determined by the MDTE.

<sup>&</sup>lt;sup>2</sup> Includes Default Service Costs Adder of \$0.00104/kWh approved in D.T.E. 03-88 A-F.

#### **SCHEDULE DS (continued)**

Customers will be notified of changes in Default Service rates in advance of their effective dates in accordance with guidelines set forth by the MDTE, as may be amended from time to time. Such notifications will be made in a variety of manners including a toll free number, the Company's website, bill inserts, and bill messages. Notification of rates will be made via the Company's website at www.unitil.com and a toll free number 30 days in advance of the effective date. Default Customers will receive 60 day notification of upcoming rate changes via a bill message and 30 day notification of the new rates via a bill message. All customers will receive a bill insert explaining Default Service in the billing cycle prior to the rate change.

#### 5. Billing

Each Customer receiving Default Service shall receive one bill from the Company, reflecting unbundled charges for their electric service.

#### 6. <u>Initiation of Default Service</u>

Default service may be initiated in any of the following manners:

- A. A Customer who is receiving Generation Service from a Competitive Supplier notifies the Company that he wishes to terminate such service and receive Default Service. In this instance, Default Service shall be initiated within two (2) business days of such notification for residential Customers. For other Customers, Default Service shall be initiated concurrent with the Customer's next scheduled meter read date, provided that the Customer has provided such notification to the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the Customer provided such notification fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;
- B. A Competitive Supplier notifies the Company that it shall terminate Generation Service to a Customer. In this instance, Default Service shall be initiated for the Customer concurrent with the Customer's next scheduled meter read date, provided that the notice of termination of Generation Service is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers. If the notice of termination is received fewer than two (2) days before the Customer's next scheduled meter read date, Default Service shall be initiated concurrent with the Customer's subsequent scheduled meter read date;
- C. A Competitive Supplier ceases to provide Generation Service to a Customer, without notification to the Company. In this instance, Default Service to the Customer shall be initiated immediately upon the cessation of Generation Service.

#### **SCHEDULE DS (continued)**

#### 7. Termination of Default Service

Default Service may be terminated by a Customer concurrent with the Customer's next scheduled meter read date provided that notice of initiation of Generation Service by a Competitive Supplier is received by the Company two (2) or more business days before the next scheduled meter read date, in accordance with the Company's Terms and Conditions for Competitive Suppliers.

If the notice of initiation of Generation Service by the Competitive Supplier is received by the Company fewer than two days before the Customer's next scheduled meter read date, Default Service shall be terminated concurrent with the Customer's subsequent scheduled meter read date.

There shall be no fee for terminating Default Service.

#### 8. Reconciliation of Default Service Costs

At the end of each calendar year, the Company shall reconcile recoveries with the cost of Default Service pursuant to the Company's Default Service Adjustment - Schedule DSA, MDTE No. 101. Beginning June 1, 2005 these costs include the following:

A. Supplier Costs: The costs billed to FG&E by its Default Service providers plus the cost of Renewable Energy Certificates purchased for Default Service in compliance with 225 CMR 14.00 – Renewable Energy Portfolio Standard. Renewable Energy Certificates are the title or claim for the generation attributes associated with a Renewable Generator that is compliant with the definition of a New Renewable Generation Source as found in 225 CMR 14.00 – Renewable Energy Portfolio Standard.

Recoveries and costs associated with the Default Service Costs Adder shall be excluded from this reconciliation since the Default Service Costs Adder is separately reconciled as discussed below.

#### 9. Default Service Costs Adder

Effective June 1, 2005, the Default Service rates will include the Default Service Costs Adder. The Company shall perform an annual reconciliation of recoveries with the costs of the Default Service Costs Adder and credit or charge any imbalances, with interest, in the computation of the Default Service Costs Adder for the following twelve month period. Interest shall be calculated using the prime rate after tax (i.e. prime rate \* (1 – tax rate)). The tax rate shall be the combined federal and state income tax rate. The prime rate is to be fixed on a quarterly basis and established as reported in The WALL STREET JOURNAL on the first business day of the month preceding the calendar quarter; if more than one rate is

#### **SCHEDULE DS (continued)**

reported, the average of the reported rates shall be used. The Company may file to change the factor at any time should significant over- or under-recoveries occur or be expected to occur.

The Default Service Costs Adder shall include the following costs associated with Default Service:

A. Cost of Working Capital, calculated as follows,

Cost of Working Capital = Working Capital Requirement \* Tax Adjusted Cost of Capital,

#### where:

Working Capital Requirement = Supplier Costs \* Number of Days Lag/365

Number of Days Lag is the number of days lag to calculate the purchased power working capital requirement as defined in the Company's most recent Lead Lag Study approved by the Department,

Tax Adjusted Cost of Capital = Cost of Debt + (Cost of Equity/(1-Effective Tax Rate))

#### where:

The Cost of Debt is the debt component of the rate of return as approved by the Department in the Company's most recent base rate case,

The Cost of Equity is the equity component of the rate of return as approved by the Department in the Company's most recent base rate case, and

The Effective Tax Rate is the combined effective state and federal income tax rate;

B. Bad Debt Costs, calculated as follows,

Bad Debt Costs = Bad Debt Expense \* Allocation Factor

#### where:

Bad Debt Expense are test year bad debt expense as approved by the Department in the Company's most recent base rate case,

The Allocation Factor as approved by the Department in the Company's reconciliation filing. Such allocation factor shall be based on a percentage of actual account write-offs recorded and tracked for the DS billing components to total write-offs.

#### **SCHEDULE DS (continued)**

- C. Administrative cost of compliance with Massachusetts Renewable Energy Portfolio Standard, 225 CMR 14. Annually, these costs shall be \$421.32.
- D. Cost of the design and implementation of competitive bidding process, including evaluation of supplier bids and contract negotiations, and ongoing administration and execution of contracts with suppliers, including accounting activities necessary to track payments made to suppliers. Annually, these costs shall be \$17,278.32.
- E. Cost of compliance with MDTE's regulatory requirements including required communication with Default Service customers pursuant to 220 CMR 11.06. Annually, these costs shall be \$51.933.32.

Annually, the costs in C., D. and E. above sum to \$69,632.96 and shall be fixed until the next general distribution rate case in which the Company proposes or the MDTE directs the removal of Default Service-related costs, or unless otherwise proposed to be adjusted by the Company, subject to approval by the MDTE. However, at such time that the migration of the Company's customers from Default Service to competitive supply increases to a significant level as compared to the level at the time these costs were developed, the costs detailed above may be adjusted to reflect the decline in Default Service customers.

#### Fitchburg Gas and Electric Light Company Summary of Proposed Default Service Charges for the period September 2005 - November 2005

### Variable Monthly Pricing Option Charges, \$/kWh by Rate Schedule

	<u>GD-3</u>
September 2005	\$0.07903
October 2005	\$0.07838
November 2005	\$0.08060
Fixed Pricing Option Charges, \$/kWh	
September 2005 - November 2005	\$0.07934

# Fitchburg Gas and Electric Light Company Default Service Development of Fixed Pricing Option Charges for the period September 2005 - November 2005

### REDACTED VERSION

line (1) (2)	Monthly Wholesale Pricing, \$/kWh  Large General Renewable Energy Credits		September redacted \$0.00103	October redacted \$0.00103	November redacted \$0.00103	
	Default Service Costs Adder, \$/kWh					
(3)	All Classes: Retail Costs for Default	Service	\$0.00104	\$0.00104	\$0.00104	
	Variable Monthly Pricing Option Cha	irges, \$/kWh (	including RPS (	Compliance ar	nd Retail Costs)	
		Distribution Losses	<u>September</u>	October	November	
(4)	Large General	redacted	\$0.07903	\$0.07838	\$0.08060	
	Default Service Percentage of Solici	itation kWh Sa	ales by Month			
			September	<u>October</u>	November	<u>Total</u>
(5)	Large General		33.3%	33.3%	33.3%	100.0%
	Fixed Pricing Option Charges					Total
(6)	Large General: September 2005 - N	ovember 200	5			\$0.07934
	Notes: Line 1, monthly wholesale pricing for Default Service Line 2, estimated cost of Renewable Energy Certific Line 3, Default Service Costs Adder as approved in Lines 4, retail rates based on variable monthly whole Lines 5, percentage weighting of kWh sales forecast Lines 6, weighted average of monthly prices in line 4 The Large General Class includes Schedule GD-3.	ates that comply with D.T.E. 03-88A-F. esale prices, including t by class for each m	h the Renewable Energing REC's, adjusted to nonth in the rate calcula	account for distributi		
	kWh sales forecast for Default Serv	<u>ice</u>	Sentember	October	<u>November</u>	Total
	Large General		<u>September</u> 3,766,713	3,766,713	3,766,713	11,300,139

Fitchburg Gas and Electric Light Company d/b/a Unitil	Default Service Typical Bill Analysis - July 2006 Default Service Rate Filing	Impact on GD-3 Rate Customers - 40% Load Factor and 43% On Peak Energy Usage
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% Total Difference	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
	<u> </u>	<u>.</u>	_	_	<u> </u>	<u>~</u>	_	_	<u></u>
Total <u>Difference</u>	(\$21.0)	(\$42.0	(\$63.0	(\$84.1	(\$105.12	(\$157.6	(\$210.2	(\$262.8(	(\$315.36)
	0	<u> </u>	6			_	2	6	<u>ო</u>
Proposed Rates Total <u>Revenue</u>	\$7,944.1	\$15,388.1	\$22,832.2	\$30,276.3	\$37,720.48	\$56,330.7	\$74,940.9	\$93,551.1	\$112,161.4
Present Rates Total <u>Revenue</u>	\$7,965.12	\$15,430.24	\$22,895.36	\$30,360.48	\$37,825.60	\$56,488.39	\$75,151.19	\$93,813.99	\$112,476.79
Average Off Peak <u>kWh</u>	33,288	92999	99,864	133,152	166,440	249,660	332,880	416,100	499,320
6 ¥					_	_	_	_	
Average On Peak <u>kWh</u> ¹	25,112	50,224	75,336	100,448	125,560	188,340	251,120	313,900	376,680
<u> </u>	0	0	9		<u> </u>	0	0	0	0
Average Monthly kVa	20	4	8	8	1,000	1,50	2,00	2,50	3,00
:									

Present Rates - Effective 6/1/2005:				Proposed Rates - Effective 9/1/2005:		,	
; ;		50°3		;		GD-3	
Delivery Charges:		0		Delivery Charges:			
Customer Charge	All KVA	\$200.00 <b>KW</b>		Customer Charge	All KVA	\$500.00	
Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	\$0.21	\$0.00188	On Peak
		\$0.00119	Off Peak			\$0.00119	Off Peak
External Transmission	\$0.00	\$0.00406	<b>a</b>	External Transmission	\$0.00	\$0.00406	₹
I ransmission Subtotals	\$0.21	\$0.00594 \$0.00525	On Peak Off Peak	Transmission Subtotals	<b>\$</b> 0.21	\$0.00594 \$0.00525	On Peak Off Peak
Distribution**	\$2.95	\$0.01212	On Peak	Distribution**	\$2.95	\$0.01212	On Peak
		\$0.00262	Off Peak			\$0.00262	Off Peak
Pension/PBOP Adjustment Factor Seatrook Amortization Surchasse	000	\$0.00077	W W	Pension/PBOP Adjustment Factor	0	\$0.00077	₹ ₹
Seablook Aniolization Suchaige Distribution Subtotals	\$2.95	\$0.01999	On Peak	Seaprook Amortization Surcharge Distribution Subtotals	\$0.00	\$0.00/10	On Peak
		\$0.01049	Off Peak		}	\$0.01049	Off Peak
Energy Efficiency Charge		\$0.00250	All	Energy Efficiency Charge		\$0.00250	₹
Renewable Resources Charge		\$0.00050	₽	Renewable Resources Charge		\$0.00050	₹
Default Service Adjustment		\$0.00000	ΒĪ	Default Service Adjustment		\$0.00000	₹
Transition Charge	\$4.05	\$0.00073 \$0.00000	On Peak Off Peak	Transition Charge	\$4.05	\$0.00073 \$0.00000	On Peak Off Peak
Supplier Charges:				Supplier Charges:			
Generation Charge*		\$0.07970	All	Generation Charge*		\$0.07934	₽
Totals	\$7.21	\$0.10936 \$0.09844	On Peak Off Peak	Totals	\$7.21	\$0.10900 \$0.09808	On Peak Off Peak

Assumes a 40% monthly load factor and 43% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

	% Total <u>Difference</u>	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
	Total Difference	(\$21.02)	(\$42.05)	(\$63.07)	(\$84.10)	(\$105.12)	(\$157.68)	(\$210.24)	(\$262.80)	(\$315.36)
d/b/a Unitil uit Service Rate Filing 1% On Peak Energy Usage	Proposed Rates Total Revenue	\$7,975.98	\$15,451.96	\$22,927.94	\$30,403.93	\$37,879.91	\$56,569.86	\$75,259.81	\$93,949.77	\$112,639.72
Fitchburg Gas and Electric Light Company d/b/a Unitil Default Service Typical Bill Analysis - July 2005 Default Service Rate Filing pact on GD-3 Rate Customers - 40% Load Factor and 48% On Peak Energy Usage	Present Rates Total Revenue	\$7,997.01	\$15,494.01	\$22,991.02	\$30,488.02	\$37,985.03	\$56,727.54	\$75,470.05	\$94,212.57	\$112,955.08
Fitchburg Gas a Sefault Service Typical Bil ct on GD-3 Rate Customer	Average Off Peak <u>kWh</u>	30,368	60,736	91,104	121,472	151,840	227,760	303,680	379,600	455,520
] Impa	Average On Peak KWh	28,032	56,064	84,096	112,128	140,160	210,240	280,320	350,400	420,480
	Average Monthly <u>KVa</u>	200	94	009	800	1,000	1,500	2,000	2,500	3,000

Present Rates - Effective 6/1/2005:		, 40		Proposed Rates - Effective 9/1/2005:		6	
; ;		?		;		?	
Delivery Charges:				Delivery Charges:			
Customer Charge		\$200.00		Customer Charge		\$200.00	
	All kVA	K K			All kVA	w	
Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	\$0.21	\$0.00188	On Peak
		\$0.00119	Off Peak			\$0.00119	Off Peak
External Transmission	\$0.00	\$0.00406	All	External Transmission	\$0.00	\$0.00406	₹
Transmission Subtotals	\$0.21	\$0.00594	On Peak	Transmission Subtotals	\$0.21	\$0.00594	On Peak
		\$0.00525	Off Peak			\$0.00525	Off Peak
Distribution**	\$2.95	\$0.01212	On Peak	Distribution**	\$2.95	\$0.01212	On Peak
		\$0.00262	Off Peak			\$0.00262	Off Peak
Pension/PBOP Adjustment Factor		\$0.00077	₽II	Pension/PBOP Adjustment Factor		\$0.00077	₹
Seabrook Amortization Surcharge	\$0.00	\$0.00710	₽	Seabrook Amortization Surcharge	\$0.00	\$0.00710	₹
Distribution Subtotals	\$2.95	\$0.01999	On Peak	Distribution Subtotals	\$2.95	\$0.01999	On Peak
		\$0.01049	Off Peak			\$0.01049	Off Peak
Energy Efficiency Charge		\$0.00250	₽ F	Energy Efficiency Charge		\$0.00250	₹
Renewable Resources Charge		\$0.00050	Ŧ	Renewable Resources Charge		\$0.00050	₹
Default Service Adjustment		\$0.00000	ΑI	Default Service Adjustment		\$0.00000	₹
Transition Charge	\$4.05	\$0.00073	On Peak	Transition Charge	\$4.05	\$0.00073	On Peak
		\$0.00000	Off Peak			\$0.00000	Off Peak
Supplier Charges:				Supplier Charges:			
Generation Charge*		\$0.07970	All	Generation Charge*		\$0.07934	₹
Totals	\$7.21	\$0.10936	On Peak	Totals	\$7.21	\$0.10900	On Peak
		\$0.09844	Off Peak			\$0.09808	Off Peak

Assumes a 40% monthly load factor and 48% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

Fitchburg Gas and Electric Light Company d/b/a Unitil
Default Service Typical Bill Analysis - July 2005 Default Service Rate Filing
Impact on GD-3 Rate Customers - 40% Load Factor and 60% On Peak Energy Usage

% Total <u>Difference</u>	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
Total <u>Vifference</u>	(\$21.02)	(\$42.05)	(\$63.07)	(\$84.10)	(\$105.12)	(\$157.68)	(\$210.24)	(\$262.80)	(\$315.36)
집									
Proposed Rates Total Revenue	\$8,052.51	\$15,605.02	\$23,157.53	\$30,710.04	\$38,262.54	\$57,143.82	\$76,025.09	\$94,906.36	\$113,787.63
•									
Present Rates Total <u>Revenue</u>	\$8,073.53	\$15,647.07	\$23,220.60	\$30,794.13	\$38,367.66	\$57,301.50	\$76,235.33	\$95,169.16	\$114,102.99
	·								
Average Off Peak <u>kWh</u> ¹	23,360	46,720	70,080	93,440	116,800	175,200	233,600	292,000	350,400
Average On Peak <u>kWh</u> ¹	35,040	70,080	105,120	140,160	175,200	262,800	350,400	438,000	525,600
Average Monthly <u>kVa</u>	200	400	009	800	1,000	1,500	2,000	2,500	3,000

Present Rates - Effective 6/1/2005:		ć		Proposed Rates - Effective 9/1/2005:			
Delivery Charges:		3		Delivery Charges:		?	
Customer Charge	All KVA	\$500.00 KWh		Customer Charge	All KVA	\$500.00 KWh	
Internal Transmission	\$0.21	\$0.00188 \$0.00119	On Peak Off Peak	Internal Transmission	\$0.21	\$0.00188 \$0.00119	On Peak Off Peak
External Transmission Transmission Subtotals	\$0.00	\$0.00406 \$0.00594 \$0.00525	All On Peak Off Peak	External Transmission Transmission Subtotals	\$0.00 \$0.21	\$0.00406 \$0.00594 \$0.00525	All On Peak Off Peak
Distribution**	\$2.95	\$0.01212	On Peak	Distribution**	\$2.95	\$0.01212	On Peak
Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge Distribution Subtotals	\$0.00	\$0.00077 \$0.00710 \$0.01999 \$0.01049	All All On Peak	Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge Distribution Subtotals	\$2.95	\$0.0077 \$0.00710 \$0.01999 \$0.01049	All All Off Peak
Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge	\$4.05	\$0.00250 \$0.00050 \$0.00000 \$0.00073 \$0.000073	All All On Peak Off Peak	Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge	\$4.05	\$0.00250 \$0.00050 \$0.00000 \$0.00073 \$0.00000	All All On Peak Off Peak
Supplier Charges: Generation Charge*		\$0.07970	Ψ	<u>Supplier Charges:</u> Generation Charge*		\$0.07934	Ψ
Totals	\$7.21	\$0.10936 \$0.09844	On Peak Off Peak	Totals	\$7.21	\$0.10900 \$0.09808	On Peak Off Peak

Assumes a 40% monthly load factor and 60% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

	% Total <u>Difference</u>	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
	Total Difference	(\$29.96)	(\$59.92)	(\$89.88)	(\$119.84)	(\$149.80)	(\$224.69)	(\$299.59)	(\$374.49)	(\$449.39)
ng Usage										
Fitchburg Gas and Electric Light Company d/b/a Unitil Default Service Typical Bill Analysis - July 2005 Default Service Rate Filing mpact on GD-3 Rate Customers - 57% Load Factor and 43% On Peak Energy Usage	Proposed Rates Total Revenue	\$10,494.99	\$20,489.97	\$30,484.96	\$40,479.94	\$50,474.93	\$75,462.39	\$100,449.85	\$125,437.32	\$150,424.78
Company 2005 Defautor and 43										
Fitchburg Gas and Electric Light Company d/b/a Unitil rvice Typical Bill Analysis - July 2005 Default Service 3 Rate Customers - 57% Load Factor and 43% On Peak	Present Rates Total Revenue	\$10,524.94	\$20,549.89	\$30,574.83	\$40,599.78	\$50,624.72	\$75,687.08	\$100,749.45	\$125,811.81	\$150,874.17
urg Gas a 'ypical Bil Custome										
Fitchb Default Service 1 ct on GD-3 Rate	Average Off Peak kWh	47,435	94,871	142,306	189,742	237,177	355,766	474,354	592,943	711,531
l mg										
	Average On Peak KWh	35,785	71,569	107,354	143,138	178,923	268,385	357,846	447,308	536,769
	Average Monthly <u>kVa</u>	200	400	900	800	1,000	1,500	2,000	2,500	3,000

Present Rates - Effective 6/1/2005:		Č		Proposed Rates - Effective 9/1/2005:			
;		505		:		505 60-3	
Delivery Charges:				Delivery Charges:			
Customer Charge	A11 53/A	\$500.00		Customer Charge	All LVA	\$500.00	
Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	S0.21	\$0.00188	On Peak
		\$0.00119	Off Peak			\$0.00119	Off Peak
External Transmission	\$0.00	\$0.00406	All	External Transmission	\$0.00	\$0.00406	₹
Transmission Subtotals	\$0.21	\$0.00594	On Peak Off Peak	Transmission Subtotals	\$0.21	\$0.00594	On Peak Off Peak
Distribution**	\$2.95	\$0.01212	On Peak	Distribution**	\$2.95	\$0.01212	On Peak
		\$0.00262	Off Peak			\$0.00262	Off Peak
Pension/PBOP Adjustment Factor		\$0.00077	₽	Pension/PBOP Adjustment Factor		\$0.00077	₹
Seabrook Amortization Surcharge	\$0.00	\$0.00710	All All	Seabrook Amortization Surcharge	\$0.00	\$0.00710	₹
Distribution Subtotals	\$2.95	\$0.01999	On Peak	Distribution Subtotals	\$2.95	\$0.01999	On Peak
		\$0.01049	Off Peak			\$0.01049	Off Peak
Energy Efficiency Charge		\$0.00250	Αll	Energy Efficiency Charge		\$0.00250	₽
Renewable Resources Charge		\$0.00050	ΑII	Renewable Resources Charge		\$0.00050	₹
Default Service Adjustment		\$0.0000	All	Default Service Adjustment		\$0.0000	₹
Transition Charge	\$4.05	\$0.00073	On Peak	Transition Charge	\$4.05	\$0.00073	On Peak
		\$0.00000	Off Peak			\$0.00000	Off Peak
Supplier Charges:				Supplier Charges:			
Generation Charge*		\$0.07970	ΑII	Generation Charge*		\$0.07934	₹
Totals	\$7.21	\$0.10936	On Peak	Totals	\$7.21	\$0.10900	On Peak
		\$0.09844	Off Peak			\$0.09808	Off Peak

Assumes a 57% monthly load factor and 43% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

A A	Average Monthly KVa	Average On Peak KWh	Average Off Peak KWh	Present Rates Total Revenue	Proposed Rates Total <u>Revenue</u>	Total <u>Difference</u>	% Total Difference
	200	39,946	43,274	\$10,570.38	\$10,540.42	(\$29.96)	-0.3%
	904	79,891	86,549	\$20,640.77	\$20,580.85	(\$29.92)	-0.3%
	009	119,837	129,823	\$30,711.15	\$30,621.27	(\$89.88)	-0.3%
	800	159,782	173,098	\$40,781.53	\$40,661.69	(\$119.84)	-0.3%
	000,1	199,728	216,372	\$50,851.91	\$50,702.12	(\$149.80)	-0.3%
_	1,500	299,592	324,558	\$76,027.87	\$75,803.18	(\$224.69)	-0.3%
	2,000	399,456	432,744	\$101,203.83	\$100,904.24	(\$299.59)	-0.3%
	2,500	499,320	540,930	\$126,379.78	\$126,005.29	(\$374.49)	-0.3%
	3,000	599,184	649,116	\$151,555.74	\$151,106.35	(\$449.39)	-0.3%

Present Rates - Effective 6/1/2005:		605		Proposed Rates - Effective 9/1/2005:		60.0	
Delivery Charges:		3		Delivery Charges:		3	
Customer Charge	All KVA	\$500.00 <b>kWh</b>		Customer Charge	All KVA	\$500.00 <b>KWh</b>	
Internal Transmission	\$0.21	\$0.00188 \$0.00119	On Peak Off Peak	Internal Transmission	\$0.21	\$0.00188 \$0.00119	On Peak Off Peak
External Transmission Transmission Subtotals	\$0.00	\$0.00406 \$0.00594 \$0.00525	All On Peak Off Peak	External Transmission Transmission Subtotals	\$0.00	\$0.00406 \$0.00594 \$0.00525	All On Peak Off Peak
Distribution**	\$2.95	\$0.01212	On Peak Off peak	Distribution**	\$2.95	\$0.01212	On Peak
Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge Distribution Subtotals	\$0.00 \$2.95	\$0.00077 \$0.00710 \$0.01999 \$0.01049	On Peak Off Peak	Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge Distribution Subtotals	\$0.00 \$2.95	\$0.00077 \$0.00710 \$0.01999 \$0.01049	All On Peak
Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge	\$4.05	\$0.00250 \$0.00050 \$0.00000 \$0.00073 \$0.00000	All All On Peak Off Peak	Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge	<b>\$4</b> .05	\$0.00250 \$0.00050 \$0.00000 \$0.00073 \$0.00000	All All On Peak Off Peak
Supplier Charges: Generation Charge*		\$0.07970	Υ	Supplier Charges: Generation Charge*		\$0.07934	₹
Totals	\$7.21	\$0.10936 \$0.09844	On Peak Off Peak	Totals	\$7.21	\$0.10900 \$0.09808	On Peak Off Peak

Assumes a 57% monthly load factor and 48% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

Fitchburg Gas and Electric Light Company d/b/a Unitil	Default Service Typical Bill Analysis - July 2005 Default Service Rate Filing	Impact on GD-3 Rate Customers - 57% Load Factor and 60% On Peak Energy Usage
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% Total <u>Difference</u>	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
Total <u>Difference</u>	(\$29.96)	(\$29.92)	(\$89.88)	(\$119.84)	(\$149.80)	(\$224.69)	(\$289.59)	(\$374.49)	(\$449.39)
Proposed Rates Total <u>Revenue</u>	\$10,649.48	\$20,798.95	\$30,948.43	\$41,097.90	\$51,247.38	\$76,621.06	\$101,994.75	\$127,368.44	\$152,742.13
Present Rates Total Revenue	\$10,679.43	\$20,858.87	\$31,038.30	\$41,217.74	\$51,397.17	\$76,845.76	\$102,294.34	\$127,742.93	\$153,191.51
Average Off Peak <u>kWh</u>	33,288	9229	99,864	133,152	166,440	249,660	332,880	416,100	499,320
Average On Peak <u>kWh</u>	49,932	99,864	149,796	199,728	249,660	374,490	499,320	624,150	748,980
Average Monthly <u>KVa</u>	200	9	009	800	1,000	1,500	2,000	2,500	3,000

Present Rates - Effective 6/1/2005:				Proposed Rates - Effective 9/1/2005:		ć	
		6D-3				200	
Cictomer Charges:		\$500.00		Customer Charge		\$500,00	
	All kVA	KWh			All kVA	KWh	
Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	\$0.21	\$0.00188	On Peak
ŀ	6	\$0.00119	Off Peak		000	\$0.00119	Off Peak
External Transmission Transmission Subtotals	\$0.00 \$0.21	\$0.00406 \$0.00594	All On Peak	External Transmission Transmission Subtotals	\$0.21	\$0.00594	All On Peak
		\$0.00525	Off Peak			\$0.00525	Off Peak
Distribution**	\$2.95	\$0.01212	On Peak Off Peak	Distribution**	\$2.95	\$0.01212	On Peak
Pension/PBOP Adjustment Factor		\$0.00077	All	Pension/PBOP Adjustment Factor		\$0.00077	<b>A</b>
Seabrook Amortization Surcharge	\$0.00	\$0.00710	ΑII	Seabrook Amortization Surcharge	\$0.00	\$0.00710	₽
Distribution Subtotals	\$2.95	\$0.01999 \$0.01049	On Peak Off Peak	Distribution Subtotals	<b>\$</b> 2.95	\$0.01999 \$0.01049	On Peak Off Peak
Energy Efficiency Charge		\$0.00250	All All	Energy Efficiency Charge		\$0.00250	₹
Renewable Resources Charge		\$0.00050	₩.	Renewable Resources Charge		\$0.00050	₹ :
Default Service Adjustment	10.76	\$0.00000	All Control	Default Service Adjustment	10.49	\$0.0000	All Or Dook
i ansuoi Ciaige	00.t	\$0.0000	Off Peak		CO.	\$0.0000	Off Peak
Supplier Charges:				Supplier Charges:			
Generation Charge*		\$0.07970	All	Generation Charge*		\$0.07934	₹
Totals	\$7.21	\$0.10936 \$0.09844	On Peak Off Peak	Totals	\$7.21	\$0.10900	On Peak Off Peak

Assumes a 57% monthly load factor and 60% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

d Rates % al Total Total Inue Difference Difference	(\$37.32)	(\$74.64)	\$36,787.16 (\$111.95) -0.3%	(\$149.27)	(\$186.59)	(\$279.88)	(\$373.18)		
Present Rates Total Revenue Revenue	-		\$36,899.11 \$3	•				\$152,162.95 \$15	
Average Off Peak <u>kWh</u> ¹	59,086	118,172	177,259	236,345	295,431	443,147	590,862	738,578	886,293
Average On Peak kWh	44,574	89,148	133,721	178,295	222,869	334,304	445,738	557,173	668,607
Average Monthly <u>KVa</u>	200	400	009	800	1,000	1,500	2.000	2.500	3,000

Present Rates - Effective 6/1/2005:		6D-3		Proposed Rates - Effective 9/1/2005:		GD-3	
<u>Delivery Charges:</u> Customer Charge	**************************************	\$500.00		<u>Delivery Charges:</u> Customer Charge	<b>V</b>	\$500.00	
Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	\$0.21	\$0.00188	On Peak Off Peak
External Transmission Transmission Subtotals	\$0.00	\$0.00406 \$0.00594 \$0.00525	Off Peak Off Peak	External Transmission Transmission Subtotals	\$0.00	\$0.00406 \$0.00594 \$0.00525	All On Peak Off Peak
Distribution**	\$2.95	\$0.01212	On Peak	Distribution**	\$2.95	\$0.01212	On Peak Off Peak
Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge Distribution Subtotals	\$2.95	\$0.00077 \$0.000710 \$0.01999 \$0.01049		Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge Distribution Subtotals	\$0.00 \$2.95	\$0.00077 \$0.00710 \$0.01999 \$0.01049	All On Peak Off Peak
Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge	\$4.05	\$0.00250 \$0.00050 \$0.00000 \$0.00073 \$0.00000	All All All All All All All All On Peak Off Peak	Energy Efficiency Charge Renewable Resources Charge Default Service Adjustment Transition Charge	\$4.05	\$0.00250 \$0.00050 \$0.00000 \$0.00073 \$0.00000	All All On Peak Off Peak
Supplier Charges: Generation Charge*		\$0.07970	All	Supplier Charges: Generation Charge*		\$0.07934	₹
Totals	\$7.21	\$0.10936 \$0.09844	On Peak Off Peak	Totals	\$7.21	\$0.10900 \$0.09808	On Peak Off Peak

Assumes a 71% monthly load factor and 43% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

Fitchburg Gas and Electric Light Company d/b/a Unitil Default Service Typical Bill Analysis - July 2005 Default Service Rate Filing Impact on GD-3 Rate Customers - 71% Load Factor and 48% On Peak Energy Usage

-	Average On Peak	Average Off Peak	Present Rates Total	Proposed Rates Total	Total	% Total	
-			YAVAINA	Anuala	BOURAGE	DIHELBUCE	
200	49,757	53,903	\$12,689.63	\$12,652.32	(\$37.32)	-0.3%	
	99,514	107,806	\$24,879.27	\$24,804.63	(\$74.64)	-0.3%	
	149,270	161,710	\$37,068.90	\$36,956.95	(\$111.95)	-0.3%	
	199,027	215,613	\$49,258.54	\$49,109.27	(\$149.27)	-0.3%	
	248,784	269,516	\$61,448.17	\$61,261.59	(\$186.59)	-0.3%	
	373,176	404,274	\$91,922.26	\$91,642.38	(\$279.88)	-0.3%	
	197,568	539,032	\$122,396.35	\$122,023.17	(\$373.18)	-0.3%	-
	321,960	673,790	\$152,870.43	\$152,403.96	(\$466.47)	-0.3%	
	746,352	808,548	\$183,344.52	\$182,784.76	(\$559.76)	-0.3%	

On Peak Off Peak All On Peak Off Peak Off Peak Off Peak Off Peak All On Peak Off Peak All On Peak All On Peak All On Peak All Off Peak All Off Peak All Off Peak All Off Peak All Seabrook Amort Off Peak All Generation Charg Generation Charg	Present Rates - Effective 6/1/2005:		ć		Proposed Rates - Effective 9/1/2005:			
Section	Delivery Charges:		? 3		Delivery Charges:		505 505	
on         \$0.21         \$0.00188         On Peak St. 00119         Internal Transmination           ion         \$0.00406 All St. 000524         All St. 000525         External Transmination           \$0.00524 On Peak St. 000525         \$0.00525 Off Peak St. 00077         Distribution**           \$0.0077 All Stribution         \$0.0077 All Stribution         Pension/PBOP / St. 00077           istribution Subtotals         \$2.95         \$0.0077 All Stribution           istribution Subtotals         \$2.00         \$0.0077 All Stribution           Sharpe         \$0.00077 All Stribution         Seabrook Amort Stribution           Sharpe         \$0.00070 All Stribution         Seabrook Amort Stribution           \$0.0050 All Stribution         Seabrook Amort Stribution           \$0.0000 All Stribution         Seabrook Amort Stribution           \$0.0000 All Stribution         Seabrook Amort Stribution           \$0.0000 All Stribution         Transition Charges           \$0.0000 Off Peak         \$0.0000           \$0.0000 Off Peak         Supplier Charges           \$0.00000 Off Peak         Supplier Charges	Customer Charge	All kVA	\$500.00 <b>KWh</b>		Customer Charge	All KVA	\$500.00 <b>KWh</b>	
\$0.00119	Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	\$0.21	\$0.00188	On Peak
\$0.00525	External Transmission	\$0.00	\$0.00119 \$0.00406	Off Peak All	External Transmission	\$0.00	\$0.00119 \$0.00406	Off Peak All
## \$2.95 \$0.01212 On Peak Distribution***  ## \$0.00262 Off Peak \$0.00262 Off Peak Bo.00262 Off Peak Bo.00077 All Beak Bo.00077 All Beak \$0.01999 On Peak \$0.01999 On Peak \$0.01049 Off Peak \$0.01049 Off Peak \$0.01049 Off Peak \$0.01049 Off Peak \$0.00050 All Beak Beavine Borault Service Act \$0.00073 On Peak Transition Charges \$0.00073 On Peak Transition Charges \$0.00073 On Peak \$0.00070 Off	Transmission Subtotals	\$0.21	\$0.00594 \$0.00525	On Peak Off Peak	Transmission Subtotals	\$0.21	\$0.00594 \$0.00525	On Peak Off Peak
Seabrook Amortization Surcharge   \$0.00	Distribution**	\$2.95	\$0.01212	On Peak Off Peak	Distribution**	\$2.95	\$0.01212	On Peak
\$2.95	Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge	\$0.00	\$0.00077	N N	Pension/PBOP Adjustment Factor Seabrook Amortization Surcharge	\$0.00	\$0.00077 \$0.00710	
\$0.00250 All ces Charge \$0.00050 All ces Charge \$0.00050 All ces Charge \$0.00000 All ces Charge \$0.00073 On Peak \$0.00073 On Peak \$0.00070 Off Peak \$0.007970 All ces Charge \$0.007970 All ces Charge \$0.07970 All ces Charge	Distribution Subtotals	\$2.95	\$0.01999 \$0.01049	On Peak Off Peak	Distribution Subtotals	\$2.95	\$0.01999 \$0.01049	On Peak Off Peak
\$4.05 \$0.0000 All \$0.0000 All \$0.00073 On Peak \$0.0000 Off Peak \$0.007970 All	Energy Efficiency Charge Renewable Resources Charge		\$0.00250 \$0.00050	<b>8</b> 8	Energy Efficiency Charge Renewable Resources Charge		\$0.00250	₹ ₹
\$0.07970 All	Default Service Adjustment Transition Charge	\$4.05	\$0.00000 \$0.00073 \$0.00000	All On Peak Off Peak	Default Service Adjustment Transition Charge	\$4.05	\$0.00000 \$0.00073 \$0.00000	All On Peak Off Peak
	Supplier Charges: Generation Charge*		\$0.07970	₽	Supplier Charges: Generation Charge*		\$0.07934	Ψ
On Peak Off Peak	Totals	\$7.21	\$0.10936 \$0.09844	On Peak Off Peak	Totals	\$7.21	\$0.10900 \$0.09808	On Peak Off Peak

Assumes a 71% monthly load factor and 48% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.

Fitchburg Gas and Electric Light Company d/b/a Unitil	Default Service Typical Bill Analysis - July 2005 Default Service Rate Filing	Impact on GD-3 Rate Customers - 71% Load Factor and 60% On Peak Energy Usage
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% Total <u>Difference</u>	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%	-0.3%
Total <u>Difference</u>	(\$37.32)	(\$74.64)	(\$111.95)	(\$149.27)	(\$186.59)	(\$279.88)	(\$373.18)	(\$466.47)	(\$559.76)
Proposed Rates Total Revenue	\$12,788.15	\$25,076.31	\$37,364.46	\$49,652.61	\$61,940.77	\$92,661.15	\$123,381.53	\$154,101.91	\$184,822.30
Present Rates Total Revenue	\$12,825.47	\$25,150.94	\$37,476.41	\$49,801.88	\$62,127.35	\$92,941.03	\$123,754.71	\$154,568.38	\$185,382.06
Average Off Peak <u>kWh</u>	41,464	82,928	124,392	165,856	207,320	310,980	414,640	518,300	621,960
Average On Peak	62,196	124,392	186,588	248,784	310,980	466,470	621,960	777,450	932,940
Average Monthly <u>KVa</u>	200	400	009	800	1,000	1,500	2,000	2,500	3,000

Present Rates - Effective 6/1/2005:				Proposed Rates - Effective 9/1/2005:			
		GD-3				60 30	
Delivery Charges:		0		Delivery Charges:		1	
	All KVA	\$500.00 <b>KW</b>		Customer Charge	All kVA	\$500.00 KWh	
Internal Transmission	\$0.21	\$0.00188	On Peak	Internal Transmission	\$0.21	\$0.00188	On Peak
	;	\$0.00119	Off Peak		į	\$0.00119	Off Peak
External Transmission Transmission Subtotals	\$0.00	\$0.00406 \$0.00594	All On Peak	External Transmission Transmission Subtotals	\$0.00	\$0.00406	All Control
		\$0.00525	Off Peak			\$0.00525	Off Peak
Distribution**	\$2.95	\$0.01212	On Peak	Distribution**	\$2.95	\$0.01212	On Peak
		\$0.00262	Off Peak			\$0.00262	Off Peak
Pension/PBOP Adjustment Factor	•	\$0.00077	₩:	Pension/PBOP Adjustment Factor		\$0.00077	₹
Seabrook Amortization Surcharge	\$0.00	\$0.00710	₹	Seabrook Amortization Surcharge	\$0.00	\$0.00710	₹
Distribution Subtotals	\$2.95	\$0.01999 \$0.01049	On Peak Off Peak	Distribution Subtotals	\$2.95	\$0.01999 \$0.01049	On Peak Off Peak
Energy Efficiency Charge		\$0.00250	ΑII	Energy Efficiency Charge		\$0.00250	₹
Renewable Resources Charge		\$0.00050	ΑII	Renewable Resources Charge		\$0.00050	₹
Default Service Adjustment		\$0.00000	₩	Default Service Adjustment		\$0.00000	₹
Transition Charge	\$4.05	\$0.00073	On Peak	Transition Charge	\$4.05	\$0.00073	On Peak
		\$0.00000	Off Peak			\$0.0000	Off Peak
Supplier Charges:				Supplier Charges:			
Generation Charge*		\$0.07970	ΑII	Generation Charge⁴		\$0.07934	₹
Totals	\$7.21	\$0.10936	On Peak	Totals	\$7.21	\$0.10900	On Peak
		\$0.09844	Off Peak			\$0.09808	Off Peak

Assumes a 71% monthly load factor and 60% On Peak Energy Usage
 Default Service, Fixed including Default Service Costs Adder of \$0.00104/kWh effective June 1, 2005 approved in DTE 03-88A-F.
 Distribution rates include a Base Rate Reduction of (\$0.00013)/kWh approved in DTE 03-88A-F.